

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(204558) Hex(1C5573) Hex(202958) Hex(272A2B) Hex(00476B) Hex(009BEB)

	Hex(204558)	Hex(1C5573)	Hex(202958)	Hex(272A2B)	Hex(00476B)	Hex(009BEB)
Hex(204558)		Ratio: 1.26 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(1C5573)	Ratio: 1.26 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(202958)	Ratio: 1.35 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(272A2B)	Ratio: 1.41 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴
Hex(00476B)	Ratio: 1.03 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 3.26 AA 18pt ²
Hex(009BEB)	Ratio: 3.35 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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